

at least one cooling fin operatively connected to said first portion, said at least one cooling fin extending in a direction substantially normal to said at least one outer peripheral surface of said first portion;

wherein said tapered portion is located adjacent said first surface; and

wherein the circumference of said tapered portion in the proximity of said first surface is greater than the circumference of said tapered portion not in the proximity of said first surface.

Please rewrite claim 2 as follows:

2. (once amended) The heat sink of claim 1, wherein the circumference of said at least one outer peripheral surface is greatest at said at least one first surface.

Please rewrite claim 3 as follows:

3. (once amended) The heat sink of claim 1, wherein said at least a portion of said at least one outer peripheral surface between said tapered portion and said first portion forms a continuous surface.

Please rewrite claim 6 as follows:

6. (once amended) The heat sink of claim 1, and further comprising a cooling fin device comprising a collar member, wherein said at least one cooling fin is attached to said collar member, said cooling fin device being in thermal contact with said at least one portion of said outer peripheral surface.

Please rewrite claim 7 as follows:

7. (once amended) The heat sink of claim 6, wherein an interference fit exists between said at least one portion of said outer peripheral surface of said core member and said cooling fin device.

Please rewrite claim 10 as follows:

10. (once amended) The heat sink of claim 9, wherein said second portion of said shroud has at least one slot formed therein.

Please rewrite claim 14 as follows:

14. (once amended) The heat sink of claim 1, wherein said at least one cooling fin has a first end and a second end, wherein both said first end and said second end are adjacent said at least one surface of said first portion.

Please rewrite claim 16 as follows:

16. (once amended) The heat sink of claim 1, wherein said first portion and said tapered portion are in thermal contact.

Please rewrite claim 17 as follows:

17. (once amended) The heat sink of claim 16, wherein said first portion and said at least one cooling fin are formed from a single piece of material.

Please rewrite claim 18 as follows:

18. The heat sink of claim 16, wherein said first portion and said at least one cooling fin are extruded.

Please rewrite claim 19 as follows:

19. A heat sink for removing heat from a heat source, said heat sink comprising:

a core member comprising at least one core member first surface and a core member second surface, said at least one first surface being adapted to contact at

least a portion of said heat source, said second surface being oppositely disposed said at least one first surface;

at least one outer peripheral surface located on said core member, said at least one outer peripheral surface comprising a first portion and a tapered portion, the shape of said first portion being uniform between a first distance and a second distance measured from said first surface;

an air blowing device located proximate said core second surface, said air blowing device having an air path associated therewith, said air path extending in a direction between said second surface and said at least one first surface; and

at least one cooling fin operatively connected to said first portion, said at least one cooling fin extending in a direction substantially parallel to said air path;

wherein the circumference of said tapered portion in the proximity of said core member first surface being greater than the circumference of said tapered portion not in the proximity of said core member first surface.

Please rewrite claim 25 as follows:

25. A method for cooling an object, said method comprising:

locating a heat sink adjacent at least a portion of said object, said heat sink comprising:

a core member comprising at least one core member first surface, said at least one first surface being adapted be located adjacent said at least a portion of said object;

at least one outer peripheral surface located on said core member, said at least one outer peripheral surface comprising a first portion and a tapered portion, the shape of said first portion being uniform between a first distance and a second distance measured from said first surface; and

at least one cooling fin operatively connected to said first portion, said at least one cooling fin extending in a direction substantially normal to said at least one core member first surface;